

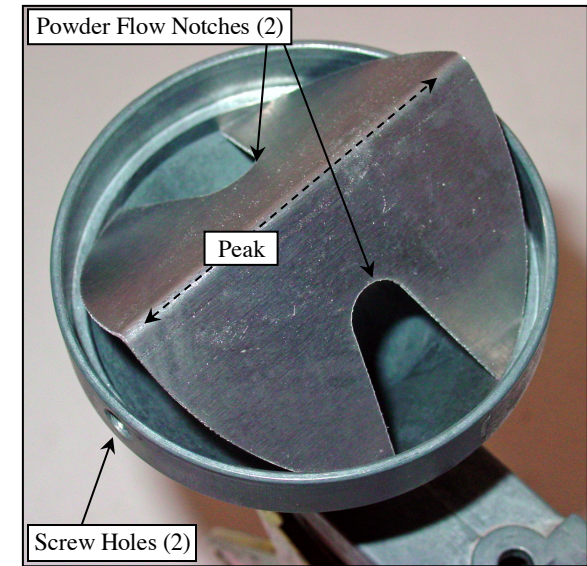
2X Powder Hopper Tube™ — For the Dillon Auto Powder Measure

The UniqueTek 2X Powder Hopper Tube™ replaces the original Dillon powder hopper, doubling the capacity of the Dillon powder measure*. The 2X Powder Hopper Tube™ is compatible with all versions of the Dillon Auto Powder Measure that use two screws to attach the powder hopper to the powder measure body. The 2X Powder Hopper Tube™ will NOT fit older Dillon powder measures where the powder hopper is attached with epoxy.

* The 2X Powder Hopper Tube™ for the Super 1050 press increases the powder hopper capacity by 57%.

Installation (Same for both Standard and Super 1050 versions)

1. Empty all powder from the Dillon powder measure then remove the two screws that secure the powder hopper tube to the powder measure body and remove the powder hopper tube.
2. Position the Precision Powder Baffle™ so that the peak is oriented in line with the two screw holes in the powder measure body (see photo at right).
3. Insert one side of the Precision Powder Baffle™ into the powder measure body so that the points on either side of a powder flow notch are in contact with the powder measure body where it becomes funnel shaped (this is immediately below the ledge that the powder hopper tube rests upon when it is installed.)
4. Gently flex the Precision Powder Baffle™ slightly (as if you were trying to fold it in half) and slip the points of the opposite side down into the powder measure body. The Precision Powder Baffle™ will spring out against the inside of the powder measure body, holding it in firmly place.
5. Insert the 2X Powder Hopper Tube™ into the powder measure body with the pre-drilled holes aligned with the screw holes in the powder measure body.
6. Install the two screws ... slowly as the screws will be cutting new threads in the plastic and rushing could crack the plastic. **DO NOT OVER TIGHTEN THE SCREWS**, as this also may crack the plastic.
7. Place the metal powder measure lid from the Dillon powder hopper tube onto the 2X Powder Hopper Tube™.



Dillon Low Powder Sensor

The Low Powder Sensor will fit in the 2X Powder Hopper Tube™ but will alarm when the powder hopper is at half full. Extending the follower rod is easy.

1. Clamp the Low Powder Sensor follower rod in a vice (pad the vice jaws with tongue depressors, popsicle sticks, or similar material). If you place the rod horizontally in the vice jaws, you'll be able to clamp onto it tightly enough to unscrew the knob without the rod turning or damaging the rod.
2. Remove the Nylock nut, two flat washers and hex nut from the bottom end of the follower rod.
3. Pad the aluminum knob with layers of dense cardboard or leather. Use ViceGrip pliers to unscrew the knob.
4. Slide the alarm module off the follower rod then remove the follower rod from the vice.
5. Buy a 2ft long piece of #10-24 threaded rod and a #10-24 hex nut. (Home Depot or any good hardware store). Cut the threaded rod to 14-1/2" long (11-1/2" for the Super 1050 version of the 2X Powder Hopper Tube™).
6. Clamp the threaded rod in the vice as described in Step 1. Screw the aluminum knob onto the cut end of the threaded rod. (Note: On the 1050 press the aluminum knob will hit the case feed bowl. Replace the knob with a #10-24 coupling nut and a 1/4"x1" fender washer.)
7. Slide the alarm module onto the other end of the threaded rod making sure that it is oriented correctly.
8. Screw the pair of #10-24 nuts on the bottom end of the rod, leaving 3/8" of threaded rod below the second nut. Cinch the nuts together to lock them in place on the threaded rod. Place the large flat washer, small flat washer and Nylock nut on the threaded rod. Tighten the Nylock nut just enough so that the washers are still free to move but not so loose that they are floppy. Leaving them slightly loose will help them guide more smoothly down the center of the 2X Powder Hopper Tube™

Optional: If you really want to get fancy, you can modify the Low Powder Sensor to allow you to adjust the level at which the alarm sounds ... a handy trick that will allow you to compensate for the metering characteristics of each gunpowder you use! Detailed instructions are available as one of our "Tips" files in the FREE area of our web site <https://uniquetek.com/free-tips-files>. Or just send an email to lee@uniquetek.com and request the "Adjustable Low Powder Sensor" Tips file. **NOTE:** You may want to consider this first as the threaded rod must be cut longer than in the above instructions.

Staining: Staining will not occur with most gunpowders. Staining can occur with Hodgdon Titegroup™. When using Titegroup™ (and similar double-base powders), we recommend that you drain the powder measure when not in use.

Disclaimer: UniqueTek, Inc. is not liable for damages or personal injury that may be incurred as a result of using this product in an improper way or in a reloading press that has been improperly maintained or operated. It is your responsibility to ensure that your reloading equipment is properly assembled, is maintained in proper working condition, and is used according to the manufacturer's instructions and safe reloading practices.

2X Powder Hopper Tube™

Product Code: T1277-14

(14" Tube - Fits all Dillon presses except the Super 1050)

Product Code: T1277-11

(11" Tube - Fits Super 1050)

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